



#### General ordering data

Order No.	1724980000
Part designation	BLIDC 5.08/6/0.75 SN OR
Version	PCB plug-in connector, Female connectors, IDC terminal, Clamping range, max.: 0.75 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 6, 180°, Box
EAN	4008190377328
Qty.	50 pc(s).

#### System parameters

Conductor connection system	IDC terminal
Outgoing direction of conductor	180°
Pitch	5.08 mm
Pitch in inch	0.2 inch
No. of poles	6
No. of rows	1
L1 in mm	25.4 mm
L1 in inch	1 inch
Electric shock protection to DIN VDE 0470	IP 20
Electric shock protection to DIN VDE 0470	Safe from finger touch

#### Material data

Insulating material	PBT
Colour	orange

#### Material data

colour chart	Similar to RAL 2000
Insulating material group	IIIa
Contact base material	CuSn
Contact surface	tinned

#### Connectable conductors

Clamping range, min.	0.32 mm <sup>2</sup>
Clamping range, max.	0.75 mm <sup>2</sup>
AWG, min.	22
AWG, max.	20
Solid, min. H05(07) V-U	0.5 mm <sup>2</sup>
Solid, max. H05(07) V-U	0.75 mm <sup>2</sup>
Flexible, min. H05(07) V-K	0.5 mm <sup>2</sup>
Flexible, max. H05(07) V-K	0.75 mm <sup>2</sup>

#### DIN IEC rating data

Rated current, min. No. pins (Tu=20°C)	11 A
Rated current, max. No. pins (Tu=20°C)	9 A
Rated current, min. No. pins (Tu=40°C)	9 A
Rated current, max. No. pins (Tu=40°C)	7.5 A
Rated voltage for overvoltage class/pollution severity II/2	400 V
Rated voltage for overvoltage class/pollution severity III/2	320 V
Rated voltage for overvoltage class/pollution severity III/3	250 V
Rated impulse withstand voltage for overvoltage class/pollution severity II/2	4 kV
Rated impulse withstand voltage for overvoltage class/pollution severity III/2	4 kV
Rated impulse withstand voltage for overvoltage class/pollution severity III/3	4 kV
Short-time withstand current resistance	1 x 1s with 90 A

#### CSA rating data

Rated voltage (Use group D)	300 V
Rated current (Use group D)	8 A
AWG conductor (field wiring), min.	22
AWG conductor (field wiring), max.	20

#### UL 1059 rating data

Rated voltage (Use group D)	300 V
Rated current (Use group D)	5 A
AWG conductor, min.	22
AWG conductor, max.	20

## Approvals

Approvals institutes



## Classifications

ETIM 2.0	NK
ETIM 3.0	EC001284
eClass 4.1	27-26-07-01
eClass 5.0	27-26-07-01
eClass 5.1	27-26-07-04

## Similar products

Order No.	Part designation	Version
1724940000	BLIDC 5.08/2/0.75 SN OR	PCB plug-in connector, Female connectors, IDC terminal, Clamping range, max.: 0.75 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 2, 180°, Box
1724950000	BLIDC 5.08/3/0.75 SN OR	PCB plug-in connector, Female connectors, IDC terminal, Clamping range, max.: 0.75 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 3, 180°, Box
1724960000	BLIDC 5.08/4/0.75 SN OR	PCB plug-in connector, Female connectors, IDC terminal, Clamping range, max.: 0.75 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 4, 180°, Box
1724970000	BLIDC 5.08/5/0.75 SN OR	PCB plug-in connector, Female connectors, IDC terminal, Clamping range, max.: 0.75 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 5, 180°, Box
1725000000	BLIDC 5.08/8/0.75 SN OR	PCB plug-in connector, Female connectors, IDC terminal, Clamping range, max.: 0.75 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 8, 180°, Box
1725020000	BLIDC 5.08/10/0.75SN OR	PCB plug-in connector, Female connectors, IDC terminal, Clamping range, max.: 0.75 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 10, 180°, Box
1725040000	BLIDC 5.08/12/0.75SN OR	PCB plug-in connector, Female connectors, IDC terminal, Clamping range, max.: 0.75 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 12, 180°, Box